

AMENDED CLAIMS

in line 18 of claim 1, please change

"said input and said output of said software," to
--an input and an output of said software,--.

in line 3 of claim 2, please change

"sampling domain is a finite integer sequence K with a current" to
--sampling domain is a finite integer sequence K driven by said software
controller with a current--

in claim 11, please change

"(h) calling said software sensor after said internal computation
unit is processed." to
--(h) calling said software sensor after said internal computation
unit is processed;--.

in line 18 of claim 12, please change

"calling said AfterEvent Probe," to
--calling an AfterEvent Probe,--.

in line 9 of the claim 13, please change

"reroute a calling to said marker to a new function" to
--reroute a calling to said marker function to a new function--

in line 23 of claim 71, please change

"said input and said output of said software," to
--an input and an output of said software,--.

in line 3 of the claim 72, please change

"domain is a finite integer sequence K with a current sampling k" to
--domain is a finite integer sequence K driven by said software controller with a
current sampling k--

in claim 81, please change

"(h) means for calling said software sensor after said internal
computation unit is processed." to
--(h) means for calling said software sensor after said internal
computation unit is processed;--.

in line 18 of claim 82, please change

"calling said AfterEvent Probe," to
--calling an AfterEvent Probe,--.